



**THIRD ANNUAL ILLINOIS SUSTAINABLE
SCHOOLS SYMPOSIUM- GOING GREEN
SAVES YOUR SCHOOL DISTRICT GREEN:
FUNDING SOURCES FOR ADMINISTRATORS-
SEDAC AND APPLICATION ASSISTANCE
PROGRAMS FROM ILLINOIS ENERGY
OFFICE
APRIL 1, 2011**



**Michael Stanch, Energy Solutions Manager
360 Energy Group – SEDAC (312) 264-8568**

Energy Efficiency Opportunities

- Who am I?
- Energy Solutions Manager, 360 Energy Group
- 19 years experience in lighting and energy efficiency projects including solar PV
- **I will present the programs that 360 Energy Group administers for IL DCEO for K-12 Schools in the areas of energy efficiency audits, grants, application assistance and other incentives**

IL DCEO- Financing Energy Efficiency

Year	Funding Level	DCEO Share
2008	\$53.2 million	\$12.9 million
2009	\$111 million	\$26.8 million
2010	\$172 million	\$41.6 million
2011 +	\$235 million	\$57 million

Applies only to Commonwealth Edison (ComEd) & Ameren
Illinois electric service customers

Lighting Incentive Example

- **Example- 400 watt metal halide being replaced with new fluorescent fixture with 6 T-8s- 450 watts down to 224 watts= 226 watts saved**
- **First and second year benefit was \$.40 per watt removed or \$90.40 fixture based on example**
- **Third year benefit beginning June 1, 2010 is \$.60 per watt removed or \$135.60 per fixture- 50% increase from Years 1 and 2**
- **Incentive will pay for a new fixture!**

Application Assistance Providers

- ❑ 360 Energy Group has received a new IL DCEO grant to help public sector clients including K-12 schools apply for IL DCEO EEPS incentives
- ❑ Grant provides incentive payments to 360 Energy Group based on application and final implementation of lighting measures in Com Ed and Ameren utility areas
- ❑ There is no cost to the K-12 school- we can assist your architect and/or engineer in this process- we want you to apply for IL EEPS!

Smart Energy Design Assistance

- Smart Energy Design Assistance Center (“SEDAC”)- created in 2004 to help businesses and municipal entities with energy efficient design for new and existing buildings
- SEDAC has completed over 700 audits of facilities in IL through its center at UIUC and its design assistance experts- many have implemented some or all of these recommendations
- **Public K-12 Schools** can apply for design assistance for new or existing buildings- the service is **free** to public entities and is funded by ComEd, Ameren and the IL Department of Commerce & Economic Opportunity, Bureau of Energy & Recycling

IL DCEO- Financing Energy Efficiency

- **Illinois Clean Energy Community Foundation (“ICECF”)**- created in 1999 with a \$225 million endowment- was the only game in town until the EEPS was enacted- funded millions of dollars of lighting upgrades throughout Illinois
- **ICECF is concentrating on filling the gap in energy efficiency and renewable energy projects for public and non-profit institutions**
- **Schools can apply for technical assistance in design of new buildings and installation of renewable energy systems such as solar PV, solar thermal and wind. ICECF has wide discretion in awarding grants**

ISBE Energy Efficiency Grants

- Illinois State Board of Education is offering energy efficiency grants up to \$250,000 per district for dollar for dollar matching grants
- Scope of work- insulation, windows, doors, energy controls, lighting, energy recovery, energy conservation, alternative energy systems and other projects designed to reduce energy consumption
- Contact is Kim Beachy at ISBE- 217 785-7889

ISBE Energy Efficiency Grants

- ❑ Schools can use IL EEPS funds as matching funds for ISBE Energy Efficiency grant
- ❑ IL DCEO will give an added incentive above and beyond the regular incentives if combined with the ISBE grants
- ❑ First round was \$9 million with 400 plus applicants
- ❑ Turnaround has been slow from ISBE



Gym in Illinois

The old metal halide fixtures provided inadequate light levels and quality and waste energy.



Gym in Illinois

They installed new fluorescent fixtures and saved 50% on their energy bills and got great light levels and quality!

St. Charles East Pool- Norris Center



St. Charles East Pool- Norris Center



Thank You for Your Interest

- Feel free to call Mike Stanch at
(312) 264-8568 for further
information!
- Save energy, money and the
environment!!!